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Timestamp: [year=2010; month=12; day=14; hr=12; min=36; sec=5; ms=475;]

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Application No: 08793408 Version No: 1.0

Input Set:

Output Set:

Started: 2010-12-14 11:55:31.972
Finished: 2010-12-14 11:55:32.885
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 913 ms
Total Warnings: 0
Total Errors: 0
No. of SeqIDs Defined: 18
Actual SeqID Count: 18

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: Choo, Yen
Klug, Aaron
Sanchez Garcia, Isidro

(ii) TITLE OF INVENTION: Improvements in or Relating to
Binding Proteins for Recognition of DNA

(iii) NUMBER OF SEQUENCES: 18

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Pillsbury Madison & Sutro, L.L.P.
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(F) ZIP: 20005-3918

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: Word Perfect

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 08793408
(B) FILING DATE: 1997-06-02
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER:
(B) FILING DATE:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: PCT/GB95/01949
(B) FILING DATE: 17-AUG-1995

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: GB 9514698.1
(B) FILING DATE: 18-JUL-1995

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: GB 9422534.9
(B) FILING DATE: 08-NOV-1994

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: GB 9416880.4
(B) FILING DATE: 20-AUG-1994

(2) INFORMATION FOR SEQ ID NO: 1:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 60 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

CTCCTGCAGT TGGACCTGTG CCATGGCCGG CTGGGCCGCA TAGAATGGAA	50
CAACTAAAGC	60

(2) INFORMATION FOR SEQ ID NO: 2:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 92 amino acids
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS:
 - (D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: protein

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

Met Ala Glu Glu Arg Pro Tyr Ala Cys Pro	
	5 10
Val Glu Ser Cys Asp Arg Arg Phe Ser Arg	
	15 20
Ser Asp Glu Leu Thr Arg His Ile Arg Ile	
	25 30
His Thr Gly Gln Lys Pro Phe Gln Cys Arg	
	35 40
Ile Cys Met Arg Asn Phe Ser Xaa Xaa Xaa	
	45 50
Xaa Leu Xaa Xaa His Xaa Arg Thr His Thr	
	55 60
Gly Glu Lys Pro Phe Ala Cys Asp Ile Cys	
	65 70
Gly Arg Lys Phe Ala Arg Ser Asp Glu Arg	
	75 80
Lys Arg His Thr Lys Ile His Leu Arg Gln	
	85 90
Lys Asp	

(2) INFORMATION FOR SEQ ID NO: 3:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 26 base pairs

- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

TATGACTTGG ATGGGAGACC GCCTGG

26

(2) INFORMATION FOR SEQ ID NO: 4:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 28 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

AATTCCAGGC GGTCTCCCAT CCAAGTCA

28

(2) INFORMATION FOR SEQ ID NO: 5:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 21 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

TATATAGCGT GGGCGTATAT A

21

(2) INFORMATION FOR SEQ ID NO: 6:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 24 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

GCGTATATAC GCCCAGCTA TATA

24

(2) INFORMATION FOR SEQ ID NO: 7:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 21 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

TATATAGCGN NNGCGTATAT A

21

(2) INFORMATION FOR SEQ ID NO: 8:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 24 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

GCGTATATAC GCNNNCGCTA TATA

24

(2) INFORMATION FOR SEQ ID NO: 9:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 33 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

TTCCATGGAG ACGCAGAAGC CCTTCAGCGG CCA

33

(2) INFORMATION FOR SEQ ID NO: 10:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 33 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

TTCCATGGAG ACGCAGGTGA GTTCCTCAG CCA

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(2) INFORMATION FOR SEQ ID NO: 11:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 33 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:

CCCCTTTCTC TTCCAGAAGC CCTTCAGCGG CCA

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(2) INFORMATION FOR SEQ ID NO: 12:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 33 amino acids
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS:
 - (D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:

Met	Ala	Glu	Glu	Lys	Pro	Phe	Gln	Cys	Arg	
				5					10	
Ile	Cys	Met	Arg	Asn	Phe	Ser	Asp	Arg	Ser	
				15					20	
Ser	Leu	Thr	Arg	His	Thr	Arg	His	Thr	Gly	
				25					30	
Glu	Lys	Pro								

(2) INFORMATION FOR SEQ ID NO: 13:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 33 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS:
- (D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:

Met	Ala	Glu	Glu	Lys	Pro	Phe	Gln	Cys	Arg	
				5					10	
Ile	Cys	Met	Arg	Asn	Phe	Ser	Glu	Arg	Gly	
				15					20	
Thr	Leu	Ala	Arg	His	Glu	Lys	His	Thr	Gly	
				25					30	
Glu	Lys	Pro								

(2) INFORMATION FOR SEQ ID NO: 14:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 27 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS:
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:

Phe	Gln	Cys	Arg	Ile	Cys	Met	Arg	Asn	Phe	
				5					10	
Ser	Gln	Gly	Gly	Asn	Leu	Val	Arg	His	Leu	
				15					20	
Arg	His	Thr	Gly	Glu	Lys	Pro				
				25						

(2) INFORMATION FOR SEQ ID NO: 15:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 26 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS:
- (D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:

Phe Gln Cys Arg Ile Cys Met Arg Asn Phe
5 10

Ser Gln Ala Gln Thr Leu Gln Arg His Leu
15 20

Lys His Thr Gly Glu Lys
25

(2) INFORMATION FOR SEQ ID NO: 16:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 26 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS:
- (D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:

Phe Gln Cys Arg Ile Cys Met Arg Asn Phe
5 10

Ser Gln Ala Ala Thr Leu Gln Arg His Leu
15 20

Lys His Thr Gly Glu Lys
25

(2) INFORMATION FOR SEQ ID NO: 17:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 26 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS:
- (D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:

Phe Gln Cys Arg Ile Cys Met Arg Asn Phe

5 10

Ser Gln Ala Gln Asp Leu Gln Arg His Leu
15 20

Lys His Thr Gly Glu Lys
25

(2) INFORMATION FOR SEQ ID NO: 18:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 89 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS:
- (D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: protein

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:

Met Ala Glu Glu Lys Pro Phe Gln Cys Arg
5 10

Ile Cys Met Arg Asn Phe Ser Asp Arg Ser
15 20

Ser Leu Thr Arg His Thr Arg Thr His Thr
25 30

Gly Glu Lys Pro Phe Gln Cys Arg Ile Cys
35 40

Met Arg Asn Phe Ser Asp Arg Ser His Leu
45 50

Thr Arg His Thr Arg Thr His Thr Gly Glu
55 60

Lys Pro Phe Gln Cys Arg Ile Cys Met Arg
65 70

Asn Phe Ser Asp Arg Ser Asn Leu Thr Arg
75 80

His Thr Arg Thr His Thr Gly Glu Lys
85